REMARKS

AMENDMENTS TO THE SPECIFICATION:

The paragraph beginning on page 40, line 7 was amended to correct a typographical error in the location of the position of the HGRA4sv splice variant peptide fragment, from amino acid position number 191 to the correct position of 192. Support for this amendment may be found in the specification as originally filed. Specifically, support for this amendment may be found in the paragraph beginning on page 40, line 10, Figures 2A-B, and Figures 3A-B. No new matter has been added.

AMENDMENTS TO THE CLAIMS:

Claims 1 to 19 have been cancelled. New Claims 20 to 40 have been added.

Support for the newly added claims may be found in the specification as originally filed. Specifically, support for Claims 20(a), 21, and 22 may be found in original Claim 1, in Table I, in Figures 2A-B, in the specification as originally filed, and in the Sequence Listing as originally submitted.

Support for Claims 20(b), 23, and 24 may be found in original Claim 1, on pages 141-144, in Table I, in Figures 2A-B, in the specification as originally filed, and in the Sequence Listing as originally submitted.

Support for Claims 20(c), 25, and 26 may be found in the paragraph beginning on page 40, line 10, Figures 2A-B, Figures 3A-B, in the specification as originally filed, and in the Sequence Listing as originally submitted.

Support for Claims 20(d), and 27 may be found in original Claim 1, Table I, page 3, in the specification as originally filed, and in the Sequence Listing as originally submitted.

Support for Claims 20(e), 28, and 29 may be found on pages 79 to 82, and in the specification as originally filed.

Support for Claims 20(f), and 30 may be found in original Claim 1, on pages 199 to 205, and in the specification as originally filed.

Support for Claims 31, 32 and 33 may be found in original Claims 8, 9, 16, and 17, on pages 140 to 153, and in the specification as originally filed.

Support for Claims 34 to 36, and 38 to 40 may be found on pages 136 to 140, in Example 18, and in the specification as originally filed.

Support for Claim 37 may be found in original claim 1, on pages 65 to 75, and in the specification as originally filed.

No new matter has been added.

If any fee is due in connection herewith not already accounted for, please charge such fee to Deposit Account No. 19-3880 of the undersigned. Furthermore, if any extension of time not already accounted for is required, such extension is hereby petitioned for, and it is requested that any fee due for said extension be charged to the above-stated Deposit Account.

Respectfully submitted,

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